

## Tygon® BioPharm Silicone Tubing

Reduced particle entrapment with ultra-smooth inner surface



**Formulation:** Tygon® 3350 silicone, platinum cured.

**Applications:** Pharmaceutical, cosmetic, industrial, and auto-analysis applications.

**Characteristics:** Ultra-smooth inner surface reduces particle entrapment and minimizes bacterial growth. Good for mild to medium concentration bases, salts, and alcohols; is odorless, tasteless, and nontoxic. Transparent.

**Certifications:** Elastomer is FDA-compliant (21 CFR 177.2600) and meets USP Class VI requirements, NSF criteria and EP 3.2.9 requirements. Tubing is manufactured according to GMP.

**Temperature range:** -112 to 392°F  
(-80 to 200°C)

**Sterilize:** Ethylene oxide, gamma irradiation, or autoclave for 30 min, 15 psi (1.0 bar).

Dimensions: in. (mm)			Max psi at 73°F (bar at 23°C)	Catalog number	Price/ 50-ft pk
ID	OD	Wall			
1/32 (0.8)	3/32 (2.4)	1/32 (0.8)	16 (1.1)	<a href="#">GY-95702-00</a>	
1/16 (1.6)	1/8 (3.2)	1/32 (0.8)	10 (0.7)	<a href="#">GY-95702-01</a>	
1/16 (1.6)	3/16 (4.8)	1/16 (1.6)	15 (1.0)	<a href="#">GY-95702-02</a>	
3/32 (2.4)	5/32 (4.0)	1/32 (0.8)	7 (0.5)	<a href="#">GY-95702-03</a>	
3/32 (2.4)	7/32 (5.6)	1/16 (1.6)	12 (0.8)	<a href="#">GY-95702-04</a>	
1/8 (3.2)	3/16 (4.8)	1/32 (0.8)	7 (0.5)	<a href="#">GY-95702-05</a>	
1/8 (3.2)	1/4 (6.4)	1/16 (1.6)	9 (0.6)	<a href="#">GY-95702-06</a>	
3/16 (4.8)	1/4 (6.4)	1/32 (0.8)	5 (0.3)	<a href="#">GY-95702-08</a>	
3/16 (4.8)	5/16 (8.0)	1/16 (1.6)	7 (0.5)	<a href="#">GY-95702-09</a>	
3/16 (4.8)	3/8 (9.6)	3/32 (2.4)	9 (0.6)	<a href="#">GY-95702-10</a>	
1/4 (6.4)	3/8 (9.6)	1/16 (1.6)	5 (0.3)	<a href="#">GY-95702-13</a>	
1/4 (6.4)	7/16 (11.2)	3/32 (2.4)	7 (0.5)	<a href="#">GY-95702-14</a>	
5/16 (8.0)	7/16 (11.2)	1/16 (1.6)	5 (0.3)	<a href="#">GY-95702-16</a>	
5/16 (8.0)	1/2 (12.8)	3/32 (2.4)	6 (0.4)	<a href="#">GY-95702-17</a>	
3/8 (9.6)	1/2 (12.8)	1/16 (1.6)	4 (0.3)	<a href="#">GY-95702-18</a>	
3/8 (9.6)	9/16 (14.4)	3/32 (2.4)	5 (0.3)	<a href="#">GY-95702-19</a>	
3/8 (9.6)	5/8 (16.0)	1/8 (3.2)	7 (0.5)	<a href="#">GY-95702-20</a>	

## Cole-Parmer® Platinum-Cured Reinforced Silicone Tubing

Won't crack under pressure—  
withstands pressures to 312 psi



**Formulation:** Tygon® 3370 I. B., silicone, platinum cured.

**Applications:** Demanding sanitary high-pressure pharmaceutical, biotechnology, food and beverage, and cosmetic applications.

**Characteristics:** Excellent heat resistance, low compression set, odorless, and nontoxic, translucent.

**Certifications:** Elastomer is FDA-compliant (21 CFR 177.2600) and USP Class V extractables; exceeds Class VI implant; exceeds 3A Sanitary Standards; produced to Bulk Pharmaceutical cGMPs (FDA 21 CFR 210, 211). Tubing is manufactured according to GMP.

**Temperature range:** -60 to 320°F (-51 to 160°C)

**Sterilize:** Autoclave, ethylene oxide, or gamma irradiation.



Dimensions: in. (mm)			Max psi at 70°F (bar at 21°C)	Catalog number	Price/ pk
ID	OD	Wall			
3/16 (4.8)	7/16 (11.2)	1/8 (3.2)	312 (21.5)	<a href="#">GY-95703-00</a>	
1/4 (6.4)	1/2 (12.8)	1/8 (3.2)	248 (17.1)	<a href="#">GY-95703-01</a>	
3/8 (9.6)	5/8 (16.0)	1/8 (3.2)	180 (12.4)	<a href="#">GY-95703-02</a>	
1/2 (12.8)	13/16 (20.8)	5/32 (4.0)	168 (11.6)	<a href="#">GY-95703-03</a>	
5/8 (16.0)	15/16 (24.0)	5/32 (4.0)	144 (9.9)	<a href="#">GY-95703-04</a>	
3/4 (19.1)	1 1/8 (28.6)	3/16 (4.8)	144 (9.9)	<a href="#">GY-95703-05</a>	
1 1/4 (31.8)	1 5/8 (41.4)	3/16 (4.8)	96 (6.6)	<a href="#">GY-95703-07</a>	

## Silicone Microbore Autoanalysis Tubing

Stands up to  
high-temperatures



Biologically stable and autoclavable.  
FDA-compliant (21 CFR 177.2600) and  
meets USP Class VI requirements.

Dimensions: in. (mm)			Fits needle gauge	Catalog number	Price/ 50-ft
ID	OD	Wall			
<b>Peroxide-cured silicone</b>					
0.025 (0.64)	0.101 (2.57)	0.036 (0.91)	23	<a href="#">GY-07625-22</a>	
0.030 (0.76)	0.106 (2.69)	0.036 (0.91)	21	<a href="#">GY-07625-24</a>	
0.035 (0.89)	0.111 (2.82)	0.036 (0.91)	20	<a href="#">GY-07625-26</a>	
0.040 (1.02)	0.116 (2.95)	0.036 (0.91)	19	<a href="#">GY-07625-28</a>	
0.045 (1.14)	0.121 (3.07)	0.036 (0.91)	18	<a href="#">GY-07625-30</a>	
0.051 (1.30)	0.127 (3.23)	0.036 (0.91)	18	<a href="#">GY-07625-32</a>	
0.056 (1.42)	0.132 (3.35)	0.036 (0.91)	17	<a href="#">GY-07625-34</a>	
0.060 (1.52)	0.136 (3.45)	0.036 (0.91)	16	<a href="#">GY-07625-36</a>	
0.065 (1.65)	0.141 (3.58)	0.036 (0.91)	16	<a href="#">GY-07625-38</a>	
0.073 (1.85)	0.149 (3.78)	0.036 (0.91)	15	<a href="#">GY-07625-40</a>	
0.081 (2.06)	0.157 (3.99)	0.036 (0.91)	14	<a href="#">GY-07625-42</a>	
0.090 (2.29)	0.166 (4.22)	0.036 (0.91)	13	<a href="#">GY-07625-44</a>	
0.100 (2.54)	0.176 (4.47)	0.036 (0.91)	12	<a href="#">GY-07625-46</a>	
0.110 (2.79)	0.186 (4.72)	0.036 (0.91)	12	<a href="#">GY-07625-48</a>	
<b>Platinum-cured silicone</b>					
0.025 (0.64)	0.101 (2.57)	0.036 (0.91)	23	<a href="#">GY-95612-22</a>	
0.045 (1.14)	0.121 (3.07)	0.036 (0.91)	18	<a href="#">GY-95612-30</a>	
0.051 (1.30)	0.127 (3.23)	0.036 (0.91)	18	<a href="#">GY-95612-32</a>	
0.056 (1.42)	0.132 (3.35)	0.036 (0.91)	17	<a href="#">GY-95612-34</a>	
0.073 (1.85)	0.149 (3.78)	0.036 (0.91)	15	<a href="#">GY-95612-40</a>	
0.081 (2.06)	0.157 (3.99)	0.036 (0.91)	14	<a href="#">GY-95612-42</a>	
0.100 (2.54)	0.176 (4.47)	0.036 (0.91)	12	<a href="#">GY-95612-46</a>	
0.110 (2.79)	0.186 (4.72)	0.036 (0.91)	12	<a href="#">GY-95612-48</a>	

## Color-Coded Peroxide-Cured Silicone Tubing

Identify lines more quickly



**Applications:** Ideal for dedicated or multiple lines—color-coding provides quick and easy line identification.

**Characteristics:** Superior heat resistance, low compression set, odorless, and nontoxic. Translucent.

**Certifications:** Elastomer is FDA-compliant (21 CFR 177.2600). Tubing is manufactured according to GMP.

**Temperature range:** -60 to 460°F (-51 to 238°C)

**Sterilize:** Autoclave or gamma irradiation.

Dimensions: in. (mm)			Max psi at 70°F (bar at 21°C)	Catalog number	Price/ 50-ft pk
ID	OD	Wall			
<b>Red tubing</b>					
1/16 (1.6)	1/8 (3.2)	1/32 (0.8)	15 (1.0)	<a href="#">GY-96150-02</a>	
1/8 (3.2)	1/4 (6.4)	1/16 (1.6)	21 (1.4)	<a href="#">GY-96150-04</a>	
1/4 (6.4)	3/8 (9.6)	1/16 (1.6)	12 (0.8)	<a href="#">GY-96150-06</a>	
3/8 (10.2)	1/2 (12.8)	1/16 (1.6)	10 (0.7)	<a href="#">GY-96150-08</a>	
<b>Green tubing</b>					
1/16 (1.6)	1/8 (3.2)	1/32 (0.8)	15 (1.0)	<a href="#">GY-96150-42</a>	
1/8 (3.2)	1/4 (6.4)	1/16 (1.6)	21 (1.4)	<a href="#">GY-96150-44</a>	
1/4 (6.4)	3/8 (9.6)	1/16 (1.6)	12 (0.8)	<a href="#">GY-96150-46</a>	
3/8 (10.2)	1/2 (12.8)	1/16 (1.6)	10 (0.7)	<a href="#">GY-96150-48</a>	
<b>Blue tubing</b>					
1/16 (1.6)	1/8 (3.2)	1/32 (0.8)	15 (1.0)	<a href="#">GY-96150-22</a>	
1/8 (3.2)	1/4 (6.4)	1/16 (1.6)	21 (1.4)	<a href="#">GY-96150-24</a>	
1/4 (6.4)	3/8 (9.6)	1/16 (1.6)	12 (0.8)	<a href="#">GY-96150-26</a>	
3/8 (10.2)	1/2 (12.8)	1/16 (1.6)	10 (0.7)	<a href="#">GY-96150-28</a>	